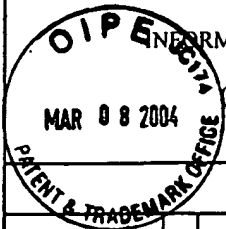


Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23981Serial No.  
10/625,557Applicant  
Shigeo KIGO et al.Filing Date  
July 24, 2003Group  
UnknownINFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>KE</i>	5 8 2 8 3 5 3	10/27/98	KISHI et al.	—	—	
<i> </i>	5 7 8 6 7 9 4	07/28/98	KISHI et al.	—	—	
<i> </i>	6 3 6 6 0 6 3	04/02/02	SEKII	—	—	
<i> </i>	6 4 4 8 9 5 0	09/10/02	CHENG	—	—	
<i>✓</i>	5 9 9 4 9 2 9	11/30/99	SANO et al.	—	—	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>BS</i>	3 - 1 8 3 2 1 1	08/09/91	JAPAN	<i>[Large handwritten Z]</i>		
<i> </i>	8 - 2 3 2 4 2	01/23/96	JAPAN			
<i> </i>	9 - 3 2 5 7 3 5	12/16/97	JAPAN			
<i> </i>	1 0 - 2 6 8 8 3 1	10/09/98	JAPAN			
<i> </i>	0 8 1 0 5 7 6	12/03/97	E.P.O.			
<i> </i>	1 - 2 6 1 9 2 3	10/18/89	JAPAN			X
<i> </i>	7 - 1 6 0 2 1 9	06/23/95	JAPAN			
<i> </i>	5 - 3 1 5 9 1 3	11/26/93	JAPAN			
<i> </i>	9 - 4 7 0 1 3	02/14/97	JAPAN			
<i>✓</i>	2 7 6 2 7 0 5	10/30/98	FRENCH			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>KE</i>	1	English Language Abstract JP3-183211.
<i> </i>	2	English Language Abstract JP8-23242.
<i> </i>	3	English Language Abstract JP10-268831.
<i> </i>	4	English Language Abstract JP 1-261923.
<i> </i>	5	English Language Abstract JP5-315913.
<i>✓</i>	6	English Language Abstract JP9-47013.

EXAMINER

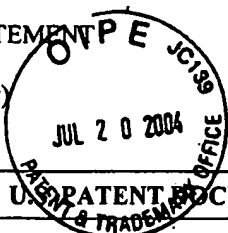
*[Signature]* A. EISEN

DATE CONSIDERED

3-11-2006

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FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23981Application No.  
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(Use several sheets if necessary)Applicant  
Shigeo KIGO et alFiling Date  
July 24, 2003Group  
2673

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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AS	6 0 1 1 3 5 5	01/04/00	NAGAI			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BS	2 7 6 2 7 0 5	10/30/98	FREACH NCH			
BS	1 1 - 8 5 0 9 9	03/30/99	JAPAN			
BS	3 - 1 8 3 2 1 1	08/09/91	JAPAN			
BS	1 0- 2 6 8 8 3 1	10/09/98	JAPAN			
BS	0 2 6 1 5 8 4	03/30/98	E.P.O			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BS	1	English Language Abstract of JP 11-85099.
BS	2	English Language Abstract of JP 3-183211.
BS	3	English Language Abstract of JP 10-268831.

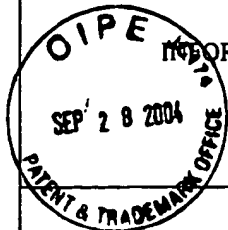
EXAMINER *[Signature]* / A. EISEN /

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\* cited in previous IDE.

Application No.  
10/625,557



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**Filing Date**  
**July 24, 2003**

**Group  
2673**

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

[illegible]

EXAMINER Alfred G. Jensen

DATE CONSIDERED 3-11-2006

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FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23981	Application No. 10/625,557
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant Shigeo KIGO et al	
		Filing Date July 24, 2003	Group 2674

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
10/2	2	- 0 2 9 7 7 9	01/31/90	JAPAN			X	
10/2	7	- 1 6 0 2 1 9	03/08/04	JAPAN				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER *Robert R. Eisen*DATE CONSIDERED *3-11-2006*

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